RAW SEQUENCE LISTING

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Application Serial Number: 10/520,052
Source: PCT
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RAW SEQUENCE LISTING DATE: 02/21/2006
PATENT APPLICATION: **US/10/520,052** TIME: 12:28:21

Input Set : **A:\00360899.TXT**
Output Set: **N:\CRF4\02212006\J520052.raw**

<110> APPLICANT: Lobley, Anna Elizabeth
Michalovich, David
Stancovski, Ilana
Allen, Kathryn Elizabeth
Allen, Janet Marjorie
Osypenko, Vadym Nikolaevich
Gurney, Alison Marion
<120> TITLE OF INVENTION: SEROTONIN RECEPTOR
<130> FILE REFERENCE: 04270/0202281-US0
<140> CURRENT APPLICATION NUMBER: 10/520,052
C--> **<141> CURRENT FILING DATE: 2004-12-29**
<150> PRIOR APPLICATION NUMBER: PCT/GB03/03130
<151> PRIOR FILING DATE: 2003-07-21
<150> PRIOR APPLICATION NUMBER: GB 0216903.5
<151> PRIOR FILING DATE: 2002-07-19
<160> NUMBER OF SEQ ID NOS: 30
<170> SOFTWARE: SeqWin99, version 1.02
<210> SEQ ID NO: 1
<211> LENGTH: 1236
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 1

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ttgtccaaga aggttcagga aagcatccag atcccgaaca atgggagtgc gcccctgctc   180
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gcacacccgc ggcacgccat cacgctgccc tgggagtctc tctggacacc aaggctcacc   360
atcctggagg cgctctgggt ggactggagg gaccagagcc cccaggctcg agtagaccag   420
gacggccacg tgaagctcaa cctggccctc gccacggaga ccaactgcaa ctttgagctc   480
ctccacttcc cccgggacca cagcaactgc agcctcagct tctacgctct cagcaacacg   540
gcgatggagt tagagttcca ggcccacgtg gtgaacgaga ttgtgagtgt caagagggaa   600
tacgtagttt atgatctgaa gacccaagtc ccaccccagc agctggtgcc ctgcttccag   660
gtgacgctga ggctgaagaa cacggcgctc aagtccatca tcgctctctt ggtgcctgca   720
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aaccttgggg ccaagagcgg ccccagccca gccccgagag gggaacagcg agagcacggc   1020
aacccagggc ctcatcctgc tgaagagccc tccagaggag taaaggggtc acagagaagc   1080
tggcctgaga ctgctgaccg catcttcttc ctcgtgtatg tggttggggt gctgtgcacc   1140
caattcgtct ttgcaggaat ctggatgtgg gcagcgtgca agtctgacgc agcccctgga   1200
gaggctgcac cccatggcag gcggcctaga ctgtaa                              1236
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Input Set : A:\00360899.TXT
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<210> SEQ ID NO: 2
<211> LENGTH: 411
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2

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Met Ala Leu Trp Ser Leu Leu His Leu Thr Phe Leu Gly Phe Ser Ile
1               5                  10                  15
Thr Leu Leu Leu Val His Gly Gln Gly Phe Gln Gly Thr Ala Ala Ile
            20                  25                  30
Trp Pro Ser Leu Phe Asn Val Asn Leu Ser Lys Lys Val Gln Glu Ser
        35                  40                  45
Ile Gln Ile Pro Asn Asn Gly Ser Ala Pro Leu Leu Val Asp Val Arg
    50                  55                  60
Val Phe Val Ser Asn Val Phe Asn Val Asp Ile Leu Arg Tyr Thr Met
65                  70                  75                  80
Ser Ser Met Leu Leu Leu Arg Leu Ser Trp Leu Asp Thr Arg Leu Ala
                85                  90                  95
Trp Asn Thr Ser Ala His Pro Arg His Ala Ile Thr Leu Pro Trp Glu
            100                 105                 110
Ser Leu Trp Thr Pro Arg Leu Thr Ile Leu Glu Ala Leu Trp Val Asp
        115                 120                 125
Trp Arg Asp Gln Ser Pro Gln Ala Arg Val Asp Gln Asp Gly His Val
    130                 135                 140
Lys Leu Asn Leu Ala Leu Ala Thr Glu Thr Asn Cys Asn Phe Glu Leu
145                 150                 155                 160
Leu His Phe Pro Arg Asp His Ser Asn Cys Ser Leu Ser Phe Tyr Ala
                165                 170                 175
Leu Ser Asn Thr Ala Met Glu Leu Glu Phe Gln Ala His Val Val Asn
            180                 185                 190
Glu Ile Val Ser Val Lys Arg Glu Tyr Val Val Tyr Asp Leu Lys Thr
        195                 200                 205
Gln Val Pro Pro Gln Gln Leu Val Pro Cys Phe Gln Val Thr Leu Arg
    210                 215                 220
Leu Lys Asn Thr Ala Leu Lys Ser Ile Ile Ala Leu Leu Val Pro Ala
225                 230                 235                 240
Glu Ala Leu Leu Leu Ala Asp Val Cys Gly Gly Leu Leu Pro Leu Arg
                245                 250                 255
Ala Ile Glu Arg Ile Gly Tyr Lys Val Thr Leu Leu Leu Ser Tyr Leu
            260                 265                 270
Val Leu His Ser Ser Leu Val Gln Ala Leu Pro Ser Ser Ser Ser Cys
        275                 280                 285
Asn Pro Leu Leu Ile Tyr Tyr Phe Thr Ile Leu Leu Leu Leu Leu Phe
    290                 295                 300
Leu Ser Thr Ile Glu Thr Val Leu Leu Ala Gly Leu Leu Ala Arg Gly
305                 310                 315                 320
Asn Leu Gly Ala Lys Ser Gly Pro Ser Pro Ala Pro Arg Gly Glu Gln
                325                 330                 335
Arg Glu His Gly Asn Pro Gly Pro His Pro Ala Glu Glu Pro Ser Arg
            340                 345                 350
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Input Set : A:\00360899.TXT
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128 Gly Val Lys Gly Ser Gln Arg Ser Trp Pro Glu Thr Ala Asp Arg Ile
129         355                 360                 365
131 Phe Phe Leu Val Tyr Val Val Gly Val Leu Cys Thr Gln Phe Val Phe
132     370                 375                 380
134 Ala Gly Ile Trp Met Trp Ala Ala Cys Lys Ser Asp Ala Ala Pro Gly
135 385                 390                 395                 400
137 Glu Ala Ala Pro His Gly Arg Arg Pro Arg Leu
138                 405                 410
140 <210> SEQ ID NO: 3
141 <211> LENGTH: 94
142 <212> TYPE: DNA
143 <213> ORGANISM: Homo sapiens
145 <400> SEQUENCE: 3
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147 gtccacgggc agggcttcca agggacagca gcca                               94
149 <210> SEQ ID NO: 4
150 <211> LENGTH: 32
151 <212> TYPE: PRT
152 <213> ORGANISM: Homo sapiens
154 <400> SEQUENCE: 4
155 Met Ala Leu Trp Ser Leu Leu His Leu Thr Phe Leu Gly Phe Ser Ile
156 1               5                   10                  15
158 Thr Leu Leu Leu Val His Gly Gln Gly Phe Gln Gly Thr Ala Ala Ile
159             20                  25                  30
162 <210> SEQ ID NO: 5
163 <211> LENGTH: 125
164 <212> TYPE: DNA
165 <213> ORGANISM: Homo sapiens
167 <400> SEQUENCE: 5
168 tctggccatc cctcttcaac gtcaacttgt ccaagaaggt tcaggaaagc atccagatcc   60
169 cgaacaatgg gagtgcgccc ctgctcgtgg atgtgcgggt gtttgtctcc aacgtgttta   120
170 atgtg                                                              125
172 <210> SEQ ID NO: 6
173 <211> LENGTH: 41
174 <212> TYPE: PRT
175 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 6
178 Trp Pro Ser Leu Phe Asn Val Asn Leu Ser Lys Lys Val Gln Glu Ser
179 1               5                   10                  15
181 Ile Gln Ile Pro Asn Asn Gly Ser Ala Pro Leu Leu Val Asp Val Arg
182             20                  25                  30
184 Val Phe Val Ser Asn Val Phe Asn Val
185         35                  40
187 <210> SEQ ID NO: 7
188 <211> LENGTH: 45
189 <212> TYPE: DNA
190 <213> ORGANISM: Homo sapiens
192 <400> SEQUENCE: 7
193 gacatcctgc gatacacaat gtcctccatg ctgctgctta ggctg                    45
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Input Set : **A:\00360899.TXT**
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<210> SEQ ID NO: 8
<211> LENGTH: 15
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 8
Asp Ile Leu Arg Tyr Thr Met Ser Ser Met Leu Leu Leu Arg Leu
1 5 10 15
<210> SEQ ID NO: 9
<211> LENGTH: 107
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 9
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ctgccctggg agtctctctg gacaccaagg ctcaccatcc tggaggc 107
<210> SEQ ID NO: 10
<211> LENGTH: 36
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 10
Ser Trp Leu Asp Thr Arg Leu Ala Trp Asn Thr Ser Ala His Pro Arg
1 5 10 15
His Ala Ile Thr Leu Pro Trp Glu Ser Leu Trp Thr Pro Arg Leu Thr
20 25 30
Ile Leu Glu Ala
35
<210> SEQ ID NO: 11
<211> LENGTH: 170
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 11
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gaagctcaac ctggccctcg ccacggagac caactgcaac tttgagctcc tccacttccc 120
ccgggaccac agcaactgca gcctcagctt ctacgctctc agcaacacgg 170
<210> SEQ ID NO: 12
<211> LENGTH: 57
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 12
Leu Trp Val Asp Trp Arg Asp Gln Ser Pro Gln Ala Arg Val Asp Gln
1 5 10 15
Asp Gly His Val Lys Leu Asn Leu Ala Leu Ala Thr Glu Thr Asn Cys
20 25 30
Asn Phe Glu Leu Leu His Phe Pro Arg Asp His Ser Asn Cys Ser Leu
35 40 45
Ser Phe Tyr Ala Leu Ser Asn Thr Ala
50 55
<210> SEQ ID NO: 13
<211> LENGTH: 125
<212> TYPE: DNA

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259 <213> ORGANISM: Homo sapiens
261 <400> SEQUENCE: 13
262 cgatggagtt agagttccag gcccacgtgg tgaacgagat tgtgagtgtc aagagggaat   60
263 acgtagttta tgatctgaag acccaagtcc caccccagca gctggtgccc tgcttccagg   120
264 tgacg                                                              125
266 <210> SEQ ID NO: 14
267 <211> LENGTH: 41
268 <212> TYPE: PRT
269 <213> ORGANISM: Homo sapiens
271 <400> SEQUENCE: 14
272 Met Glu Leu Glu Phe Gln Ala His Val Val Asn Glu Ile Val Ser Val
273 1               5                  10                  15
275 Lys Arg Glu Tyr Val Val Tyr Asp Leu Lys Thr Gln Val Pro Pro Gln
276             20                  25                  30
278 Gln Leu Val Pro Cys Phe Gln Val Thr
279         35                  40
281 <210> SEQ ID NO: 15
282 <211> LENGTH: 211
283 <212> TYPE: DNA
284 <213> ORGANISM: Homo sapiens
286 <400> SEQUENCE: 15
287 ctgaggctga agaacacggc gctcaagtcc atcatcgctc tcttggtgcc tgcagaggca   60
288 ctgctgttgg ctgacgtgtg cgggggggttg ctgcccctcc gggccattga gcgcataggc   120
289 tacaaggtga cattgctgct gagttacctc gtcctccact cctccctggt gcaggccctg   180
290 cccagctcct cctcctgcaa cccactgctc a                                  211
292 <210> SEQ ID NO: 16
293 <211> LENGTH: 71
294 <212> TYPE: PRT
295 <213> ORGANISM: Homo sapiens
297 <400> SEQUENCE: 16
298 Leu Arg Leu Lys Asn Thr Ala Leu Lys Ser Ile Ile Ala Leu Leu Val
299 1               5                  10                  15
301 Pro Ala Glu Ala Leu Leu Leu Ala Asp Val Cys Gly Gly Leu Leu Pro
302             20                  25                  30
304 Leu Arg Ala Ile Glu Arg Ile Gly Tyr Lys Val Thr Leu Leu Leu Ser
305         35                  40                  45
307 Tyr Leu Val Leu His Ser Ser Leu Val Gln Ala Leu Pro Ser Ser Ser
308     50                  55                  60
310 Ser Cys Asn Pro Leu Leu Ile
311 65                  70
313 <210> SEQ ID NO: 17
314 <211> LENGTH: 168
315 <212> TYPE: DNA
316 <213> ORGANISM: Homo sapiens
318 <400> SEQUENCE: 17
319 tttactactt caccatcctg ctgctgctgc tcttcctcag caccatagag actgtgctgc   60
320 tggctgggct gctggcccgg ggcaaccttg gggccaagag cggccccagc ccagccccga   120
321 gaggggaaca gcgagagcac ggcaacccag ggcctcatcc tgctgaag                168
323 <210> SEQ ID NO: 18
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VERIFICATION SUMMARY DATE: 02/21/2006
PATENT APPLICATION: **US/10/520,052** TIME: 12:28:22

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L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date